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October 25, 2001

Attorney Docket No.: 13445-014001

Box Patent Application

Commissioner for Patents Washington, DC 20231

Presented for filing is a new patent application claiming priority from a provisional patent application of:

Applicant: MIHAI IBANESCU, JOHN D. JOANNOPOLOUS, YOEL FINK,

STEVEN G. JOHNSON AND SHANHUI FAN

DIELECTRIC WAVEGUIDE WITH TRANSVERSE INDEX Title:

VARIATION THAT SUPPORT A ZERO GROUP VELOCITY MODE

AT A NON-ZERO LONGITUDINAL WAVEVECTOR

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	19
Claims	6
Abstract	1
Declaration (unsigned)	2
Drawings	10

Enclosures:

- New disclosure information, including: Information disclosure statement, 1 pages. PTO-1449, 2 pages. References, 20 items.
- Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL485/13411
I hereby certify under 37 CFR §1 10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and it addressed to the Commissioner for Patents, Washington, D.C 20231.
October 25, 2001
Date of Deposit /
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Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/243,565, filed October 26, 2001.

Basic filing fee	\$370
Total claims in excess of 20 times \$9	\$216
Independent claims in excess of 3 times \$42	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$586

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

ERIC L. PRAHL Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804

mon man

Respectfully submitted,

Marc M. Wefers* for

Eric L. Prahl

Reg. No. 32,590

Enclosures

*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).

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